IN THE UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF IOWA WESTERN DIVISION

David Stults and Barbara Stults,

Plaintiffs,

vs. Case No. C09-4100 DEO

American Pop Corn Co., et al.,

Defendants. :

DEPOSITION OF CHARLES A. PUE, M.D.

Taken at Spectrum Reporting LLC 333 Stewart Avenue Columbus, OH 43206 September 13, 2013, 9:00 a.m.

Spectrum Reporting LLC
333 Stewart Avenue, Columbus, Ohio 43206
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EXHIBIT A

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1	APPEARANCES	1	INDEX	
2		2	Examination By	Page
3	ON BEHALF OF PLAINTIFFS:	3	Mr. Kawala - Cross	5
4	Humphrey, Farrington & McClain, P.C. 221 West Lexington Avenue, Ste. 400	4	Mr. Allen - Cross Mr. Benson - Cross	218 271
5	Independence, MO 64050 By Scott B. Hall, Esq.	5	Mr. Allen - Further Cross Mr. Benson - Further Cross	307 313
6	•	6		
7	ON BEHALF OF DEFENDANT SYMRISE, INC.:	7	Exhibits	Page
8	Swanson, Martin & Bell, LLP 330 North Wabash, Ste. 3300	8	Exhibit 1 - CD of Medical Records	12
9	Chicago, IL 60611 By David E. Kawala, Esq.	9	Exhibit 2 - CD of Medical Records	13
10	•	10	Exhibit 3 - CD of Medical Records	13
11	ON BEHALF OF DEFENDANTS BUSH BOAKE ALLEN, INC. AND INTERNATIONAL FLAVORS AND FRAGRANCES, INC.	11	Exhibit 4 - Pulmonary Function Test 07-21-11	15
12	Weinberg, Wheeler, Hudgins, Gunn & Dial, LLC	12	Exhibit 5 - Cleveland Clinic STAR Imaging Final Report, 07-21-11	15
13	3344 Peachtree Road, Ste. 2400 Atlanta, GA 30326	13	Exhibit 6 - Blood Test Results, 07-25-11	16
14	By Thomas D. Allen, Esq.	14	Exhibit 7 - Handwritten Notes	63
15	ON BEHALF OF DEFENDANT SENSIENT FLAVORS LLC:	15	Exhibit 8 - Independent Medical Evaluation,	89
16	Michael Best & Friedrich LLP	16	07-21-11	
17	100 East Wisconsin Avenue, Ste. 3300 Milwaukee, WI 53202-4108	17	Exhibit 9 - Physical Exam Sheet	144
18	By Paul E. Benson, Esq.	18	Exhibit 10 - New Pulmonary Patient Questionnaire	151
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21 22		22	History	2.0
23	$\mathcal{F} = \mathbf{r}$	23	(Exhibits 2, 7, 11, 12, 13 returned to Char	rles A.
24		24	Pue, M.D. Exhibits 1, 3, 4, 5, 6, 8, 9, 10 r to the Sleep and Breathing Research Inst:	eturned
2. 1			one bloop and blooming topics and and	
	Page 3		AND THE STATE OF T	Page 5
1	Friday Morning Session	1	CHARLES A. PUE, M.D.	
2	September 13, 2013, 9:00 a.m.	2	being first duly sworn, testifies and says as	
3		3	follows:	
4	STIPULATIONS	4	CROSS-EXAMINATION	
5		5	BY MR. KAWALA:	
6	It is stipulated by counsel in attendance that	6	Q. Would you please state your full name?	
7	the deposition of Charles A. Pue, M.D., a witness		A. Charles A. Pue, M.D.	
8	herein, called by the Defendants for	8		e
9	cross-examination, may be taken at this time by	9	met before. I represent one of the defendants in	-
10	the notary pursuant to notice that said deposition	10	a lawsuit filed by David Stults. I want to ask	
11	may be reduced to writing in stenotypy by the	11	you about opinions you might hold regarding	
12	notary, whose notes may thereafter be transcribed	12	Mr. Stults today. Okay?	
13	out of the presence of the witness; that proof of	13	A. Yes.	
14	the official character and qualification of the	14	Q. You generally know the ground rules of	
15	notary is waived; that the signature of the	15	a deposition. Do you need me to go over them?	
16	witness to the transcript of said deposition is	16	A. No.	
17	expressly waived by counsel and the witness; said	17	Q. Okay. If I ask you a question that is	
18	deposition to have the same force and effect as	18	unclear or doesn't make sense to you, please don	't
19	though signed by the said Charles A. Pue, M.D.	19	answer it. Please ask me to clarify.	-
20		20	A. I will do that, yes.	
21		21	Q. You prepared a report of July 27th,	
22		22	2011?	
23		23	A. That's correct.	
23 24		24	Q. Have you done anything to update or	
4 T			2. Have you done anything to aparte of	

	Page 86		Page 88
1	breath persisted.	1	worse,
2	And he really went on very extensively	2	Q. Did Mr. Stults deny to you that he told
3	about this because he was under the feeling that	3	Dr. Schmitt that he felt a night-and-day
4	this had been mischaracterized in the past for	4	difference in his energy level after ablation?
5	him. He indicated to me that his a-fib was	5	A. He indicated that he said that. But
6	episodic and he had his baseline severe shortness	6	again, he indicated to me that he felt that that
7	of breath. When he would get the a-fib, he would	7	was misinterpreted meaning that he felt good, but
8	then become even more impaired. And then when he	8	he did not feel good by what he told me. He said
9	was brought out of the a-fib, he was back to his	9	he felt better because his heart was back in
10	baseline impairment. And he felt that because he	10	rhythm and the palpitations were gone. He could
11	said, yeah, it feels so much better, that people	11	feel that immediately. But it was going from
12	interpreted that to mean that he felt good. But	12	really bad to bad. Not bad to good.
13	he was very clear, and he wanted me to understand,	13	Q. Okay. If you'd go ahead with the note,
14	he did not feel good. He just didn't feel as bad	1.4	please. Thank you.
15	as when he had the a-fib.	15	A. Okay. He indicated that he had started
16	Q. You realize from reviewing the records	16	with a new pulmonologist; that his old
17	that Mr. Stults' a-fib and PVC, his cardiac	17	pulmonologist had retired sometime in 2011. There
18	condition, pre-dated his lung condition, correct?	18	was a trial of a course of Rituxan, but he
19	A. That's correct. I had it in the	19	indicated to me that the rheumatologist did not
20	records as going back as possibly as far back	20	feel that he had lung disease from RA and
21	as the '80s.	21	therefore, no further Rituxan was given. He
22	Q. Right. And I take it, it would be your	22	indicated that he then went on to describe some
23	understanding, if not your opinion, that	23	other things to me.
24	Mr. Stults' cardiac condition is unrelated to his	24	He said after I had seen him in 2011,
	Page 87		Page 89
1	lung condition?	1	he had talked more with his wife, and they had
1 2	A. That is correct.	2	gone more through their history of when he was
3	Q. And so when Mr. Stults had the onset of	3	exposed to microwave popcorn. And he indicated
4	his lung symptomatology in either late 2008 or	4	that they started eating microwave popcorn when
5	- · ·	1 -	
		5	
	early 2009, he already had this cardiac condition	5	they were dating in 1987 into 1988. And he
6 7	present?	6	they were dating in 1987 into 1988. And he indicated to me that he had spoken to people that
7	present? A. That's my understanding, yes.	6 7	they were dating in 1987 into 1988. And he indicated to me that he had spoken to people that he used to work with at Quest Diagnostics, and
7 8	present? A. That's my understanding, yes. Q. And did you review the records of	6 7 8	they were dating in 1987 into 1988. And he indicated to me that he had spoken to people that he used to work with at Quest Diagnostics, and that they remembered him eating microwave popcorn
7 8 9	present? A. That's my understanding, yes. Q. And did you review the records of Mr. Stults' care through Spectrum that indicated	6 7 8 9	they were dating in 1987 into 1988. And he indicated to me that he had spoken to people that he used to work with at Quest Diagnostics, and that they remembered him eating microwave popcorn pretty regularly. And he told me that he worked
7 8 9 10	present? A. That's my understanding, yes. Q. And did you review the records of Mr. Stults' care through Spectrum that indicated that when he would have episodic a-fib and PVCs,	6 7 8 9 10	they were dating in 1987 into 1988. And he indicated to me that he had spoken to people that he used to work with at Quest Diagnostics, and that they remembered him eating microwave popcorn pretty regularly. And he told me that he worked there, I think in 1990.
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7 8 9 10 11 12	present? A. That's my understanding, yes. Q. And did you review the records of Mr. Stults' care through Spectrum that indicated that when he would have episodic a-fib and PVCs, that it would result in fatigue and shortness of breath? A. Yes. And what he indicated to me was	6 7 8 9 10 11 12	they were dating in 1987 into 1988. And he indicated to me that he had spoken to people that he used to work with at Quest Diagnostics, and that they remembered him eating microwave popcorn pretty regularly. And he told me that he worked there, I think in 1990. He stated that they continued the two bags a day until 2007, which I believe in my report do you still have my report?
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7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. That's my understanding, yes. Q. And did you review the records of Mr. Stults' care through Spectrum that indicated that when he would have episodic a-fib and PVCs, that it would result in fatigue and shortness of breath? A. Yes. And what he indicated to me was that it was worsening of the fatigue and shortness of breath, not development of fatigue and shortness of breath. His symptoms that he had became worse when the a-fib occurred. Q. But the a-fib and the PVCs pre-dated the lung disease. A. That's true. He had fatigue and a-fib fatigue when he had a-fib. But after he	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	they were dating in 1987 into 1988. And he indicated to me that he had spoken to people that he used to work with at Quest Diagnostics, and that they remembered him eating microwave popcorn pretty regularly. And he told me that he worked there, I think in 1990. He stated that they continued the two bags a day until 2007, which I believe in my report do you still have my report? Q: Yes, your report A. No, I have it back. Q. In your report it says 2004. A. I have 2004. He indicated MR. ALLEN: I'm sorry, did we mark that?
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. That's my understanding, yes. Q. And did you review the records of Mr. Stults' care through Spectrum that indicated that when he would have episodic a-fib and PVCs, that it would result in fatigue and shortness of breath? A. Yes. And what he indicated to me was that it was worsening of the fatigue and shortness of breath, not development of fatigue and shortness of breath. His symptoms that he had became worse when the a-fib occurred. Q. But the a-fib and the PVCs pre-dated the lung disease. A. That's true. He had fatigue and a-fib fatigue when he had a-fib. But after he developed the lung disease, he had a baseline	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	they were dating in 1987 into 1988. And he indicated to me that he had spoken to people that he used to work with at Quest Diagnostics, and that they remembered him eating microwave popcorn pretty regularly. And he told me that he worked there, I think in 1990. He stated that they continued the two bags a day until 2007, which I believe in my report do you still have my report? Q. Yes, your report A. No, I have it back. Q. In your report it says 2004. A. I have 2004. He indicated MR. ALLEN: I'm sorry, did we mark that? MR. KAWALA: No, I didn't. Let's mark your report as Exhibit 8, Doctor.
7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. That's my understanding, yes. Q. And did you review the records of Mr. Stults' care through Spectrum that indicated that when he would have episodic a-fib and PVCs, that it would result in fatigue and shortness of breath? A. Yes. And what he indicated to me was that it was worsening of the fatigue and shortness of breath, not development of fatigue and shortness of breath. His symptoms that he had became worse when the a-fib occurred. Q. But the a-fib and the PVCs pre-dated the lung disease. A. That's true. He had fatigue and a-fib fatigue when he had a-fib. But after he	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	they were dating in 1987 into 1988. And he indicated to me that he had spoken to people that he used to work with at Quest Diagnostics, and that they remembered him eating microwave popcorn pretty regularly. And he told me that he worked there, I think in 1990. He stated that they continued the two bags a day until 2007, which I believe in my report do you still have my report? Q. Yes, your report A. No, I have it back. Q. In your report it says 2004. A. I have 2004. He indicated MR. ALLEN: I'm sorry, did we mark that? MR. KAWALA: No, I didn't. Let's mark

	Page 90		Page 92
1		1	somebody is giving you two different stories?
2	THE WITNESS: All right. Yes, in my	2	A. Stories evolve, yes. People remember
3	original report he had told me from 1991 to 2004,	3	things. They get other information. You know,
4	and so when I was talking with him on the phone,	4	trying to ask somebody a specific question from
5	he said his wife had indicated they started in '87	5	10, 15 years ago, sometimes they're off.
6	or '88, somewhere in that range when they started	6	Q. Sometimes histories are inaccurate?
7	dating.	7	A. Sometimes they are.
8	And then on page 2, he said they	8	Q. Sometimes memories change?
9	continued two bags a day until 2007. His wife and	9	A. Sometimes they do.
10	he had decided that from 2007 until May of 2010,	10	Q. Did you believe that the history that
11	they had decreased to one bag per day. And the	11	Mr. Stults gave you in 2011, that he had consumed
12	reason he remembered May of 2010 is the date was	12	microwave popcorn from 1991 to 2004 at a
13	that's when they moved.	13	two-bag-per-day rate was an accurate history?
14	BY MR. KAWALA:	14	A. That was as accurate a history as I
15	Q. Okay. Let me interrupt you here	15	could obtain from him at that time, yes.
16	because this is all new and interesting.	16	Q. Did Mr. Stults, when he gave you that
17	MR. ALLEN: But not surprising.	17	history, indicate that he was uncertain of that
18	Q. You took a history from Mr. Stults when	18	history or thought that the that he needed to
19	he came to see you in 2011?	19	do more research or do more investigation to come
20	A. That's correct.	20	up with an accurate history?
21	Q. And why did you take a history?	21	A. He didn't say anything to me at that
22	A. Why do I take a history?	22	time about that, no.
23	Q. Yes.	23	Q. So when you wrote your independent
24	A. That's how I obtain information from	24	medical evaluation in July of 2011, you believed
	Page 91		Page 93
1	people.	1	that the history that Mr. Stults gave you was
2	Q. And why do you take a history in a case	2	complete and accurate?
3	of someone like Mr. Stults to find out about	3	A. Yes.
4	microwave popcorn consumption?	4	Q. And you based your opinions on that?
5			
	A. Because he had potentially microwave	5	A. Yes.
6	A. Because he had potentially microwave popcorn-related lung disease. So that was	5	
	popcorn-related lung disease. So that was		A. Yes. Q. Do you have any independent verification that Mr. Stults consumed microwave
6	popcorn-related lung disease. So that was important in the history. Also asking him about	6	Q. Do you have any independent
6 7	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of	6 7	Q. Do you have any independent verification that Mr. Stults consumed microwave
6 7 8	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of things.	6 7 8	Q. Do you have any independent verification that Mr. Stults consumed microwave popcorn from 1991 to 2004 besides what he told
6 7 8 9	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of things. Q. And you assume that the history	6 7 8 9	Q. Do you have any independent verification that Mr. Stults consumed microwave popcorn from 1991 to 2004 besides what he told you?
6 7 8 9	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of things.	6 7 8 9 10	Q. Do you have any independent verification that Mr. Stults consumed microwave popcorn from 1991 to 2004 besides what he told you? A. No, I do not.
6 7 8 9 10	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of things. Q. And you assume that the history Mr. Stults is giving you is complete and accurate,	6 7 8 9 10	 Q. Do you have any independent verification that Mr. Stults consumed microwave popcorn from 1991 to 2004 besides what he told you? A. No, I do not. Q. Have you spoke to anyone else, person
6 7 8 9 10 11	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of things. Q. And you assume that the history Mr. Stults is giving you is complete and accurate, correct?	6 7 8 9 10 11	 Q. Do you have any independent verification that Mr. Stults consumed microwave popcorn from 1991 to 2004 besides what he told you? A. No, I do not. Q. Have you spoke to anyone else, person to person, that has told you they saw Mr. Stults
6 7 8 9 10 11 12	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of things. Q. And you assume that the history Mr. Stults is giving you is complete and accurate, correct? A. That's all that I can go by is what	6 7 8 9 10 11 12	 Q. Do you have any independent verification that Mr. Stults consumed microwave popcorn from 1991 to 2004 besides what he told you? A. No, I do not. Q. Have you spoke to anyone else, person to person, that has told you they saw Mr. Stults eat microwave popcorn at any time?
6 7 8 9 10 11 12 13	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of things. Q. And you assume that the history Mr. Stults is giving you is complete and accurate, correct? A. That's all that I can go by is what people provide to me.	6 7 8 9 10 11 12 13	Q. Do you have any independent verification that Mr. Stults consumed microwave popcorn from 1991 to 2004 besides what he told you? A. No, I do not. Q. Have you spoke to anyone else, person to person, that has told you they saw Mr. Stults eat microwave popcorn at any time? A. No, I have not.
6 7 8 9 10 11 12 13 14 15	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of things. Q. And you assume that the history Mr. Stults is giving you is complete and accurate, correct? A. That's all that I can go by is what people provide to me. Q. Correct.	6 7 8 9 10 11 12 13 14 15	Q. Do you have any independent verification that Mr. Stults consumed microwave popcorn from 1991 to 2004 besides what he told you? A. No, I do not. Q. Have you spoke to anyone else, person to person, that has told you they saw Mr. Stults eat microwave popcorn at any time? A. No, I have not. Q. Have you seen any contemporaneous
6 7 8 9 10 11 12 13 14 15	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of things. Q. And you assume that the history Mr. Stults is giving you is complete and accurate, correct? A. That's all that I can go by is what people provide to me. Q. Correct. A. Correct. Q. And so if Mr. Stults had had a history of chemical exposures or worked around chemicals	6 7 8 9 10 11 12 13 14 15	Q. Do you have any independent verification that Mr. Stults consumed microwave popcorn from 1991 to 2004 besides what he told you? A. No, I do not. Q. Have you spoke to anyone else, person to person, that has told you they saw Mr. Stults eat microwave popcorn at any time? A. No, I have not. Q. Have you seen any contemporaneous records between 1991 and 2004 that indicate Mr. Stults told anyone or it was noted that Mr. Stults consumed popcorn at this rate?
6 7 8 9 10 11 12 13 14 15 16 17 18	popcorn-related lung disease. So that was important in the history. Also asking him about other exposures, chemicals, jobs, all kinds of things. Q. And you assume that the history Mr. Stults is giving you is complete and accurate, correct? A. That's all that I can go by is what people provide to me. Q. Correct. A. Correct. Q. And so if Mr. Stults had had a history	6 7 8 9 10 11 12 13 14 15 16	 Q. Do you have any independent verification that Mr. Stults consumed microwave popcorn from 1991 to 2004 besides what he told you? A. No, I do not. Q. Have you spoke to anyone else, person to person, that has told you they saw Mr. Stults eat microwave popcorn at any time? A. No, I have not. Q. Have you seen any contemporaneous records between 1991 and 2004 that indicate Mr. Stults told anyone or it was noted that
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Page 94 Page 96 1 A. That is correct. 1 a day. What he indicated to me, they were doing 2 O. And if I understand what you're telling two bags a night after the baby was born. The 2 me is earlier this week you called Mr. Stults and 3 3 information he gave me the other day was that they he gave you a different history as to his had started eating microwave popcorn when they 4 4 consumption of microwave popcorn, correct? started dating, but I don't think it was to the 5 5 6 A. That is correct. 6 degree that it was in 1991. Q. 7 He changed the date in which he started 7 How much microwave popcorn did 8 his consumption of popcorn from 1991 to 1987? 8 Mr. Stults tell you he was consuming between '88 Correct. He said '87 or '88. I want and -- '87/'88 and 1991? 9 9 to be clear on that. I remember him saying that. 10 At that point he indicated it was just 10 11 Q. All right. more occasional in the beginning. It wasn't an 11 12 A. Because that was when he started dating 12 every day event in '87/'88. And they gradually 13 his wife. 13 increased. And then in 2001 was when they had the 14 Q. Okay. Do you believe that Mr. Stults 14 ritual of every night popping popcorn and watching recalled when he was dating his wife when he saw movies after they put the baby to bed. 15 15 16 you back in July of 2011? 16 Did you ask Mr. Stults whether he 17 A. Say that one more time. 17 actually had an independent recollection of 18 Do you believe that when Mr. Stults 18 consuming microwave popcorn between '87 and '91 or 0. 19 visited you in July of 2007, he knew when he 19 if that's just what his wife told him? 20 started to date his wife? 20 A. I'm trying to remember the exact words I'm assuming he knew that, but I can't 21 he used. I think he said, my wife reminded me 21 A. guess that. 22 22 that we had been eating popcorn when we started All right. Mr. Stults, in his initial 23 dating before we had the baby. So that was the 23 Ο. evaluation, told you that he started this habit of 24 term he used, his wife had reminded him. He had 24 Page 95 Page 97 consuming popcorn every night with his wife forgotten about that. 1 1 because that was the year his daughter was born. 2 So it was your understanding that his 2 3 A. That's what he had indicated to me at wife just -- did he tell you when his wife 3 4 that time, yes. 4 reminded him of that? 5 And that was obviously a landmark event 5 A. No. I didn't ask him that. in his life and one that he could correlate that 6 6 O. Are you aware that Mr. Stults gave 7 activity to her birth? 7 sworn deposition testimony in this case? That's what he indicated to me, yes. 8 A. 8 A. I haven't read his deposition. So when he gave you his statement or But --9 9 O. 10 his history at the time of his evaluation, he 10 A. I wasn't aware that --11 keyed it to the birth of his daughter? 11 O. -- I guess you could surmise we took 12 A. That's what he told me, yes. 12 his dep. 13 O. When you spoke to him a few days ago, 13 A. Yeah. Do you have any knowledge of what 14 he keyed the beginning of his consumption of 14 history Mr. Stults gave in that deposition? 15 microwave popcorn to when he began dating his 15 16 wife? A. No. 16 That's correct. That's what he told 17 A. 17 So as you understood Mr. Stults' recent 18 communication with you last Tuesday, he told you me. 18 his wife reminded him that he ate microwave O. Did you ask Mr. Stults why his history 19 19 20 changed? 20 popcorn from '87/'88 to '91? 21 A. Well, as I stated earlier, he states 21 Correct. Basically he indicated to me 22 that after he had seen me, he had talked more with that it wasn't like they were never eating popcorn 22

23

24

before and then suddenly they started eating two

bags a night in 1991. They had -- they were

his wife and they had gone back and thought more

about it. I don't think they were doing two bags

23

24

- eating microwave popcorn together from when they 1
- 2 got together.
- Okay. And that would indicate to you 3 Q.
- that the original history that Mr. Stults gave in 4
- July of 1991 was inaccurate? 5
- You might use the word "inaccurate." A. 6
- I'd say "incomplete." 7
- 8 Q. Did it concern you that now, more than
- two years after your initial evaluation, that the 9
- history of microwave popcorn consumption was 10
- 11 changing in this case?
- 12 MR. HALL: Object to the form.
- I don't draw any judgment on it. I was 13 A.
- 14 talking to him. I asked him -- he just gave me
- information. I documented what was given to me. 15
- Did Mr. Stults ask his wife whether or 16 Q.
- 17 not he had had any history of chemical exposures
- 18 that he couldn't remember that she could?
- I can't speculate on what he asked his A. 19
- 20 wife.
- Mrs. Stults is a plaintiff in this 21 O.
- 22 lawsuit. You're aware of that?
- 23 A. I didn't know that specifically.
- Usually that is the case. 24

- about a history of consuming microwave popcorn 1
- that went up to and through 2004, correct? 2
- 3 A. Correct.
- If Mr. Stults' consumption of microwave 4
- popcorn had ended in 2004, as he told you in July 5
- of 2011, would you expect that the onset of 6
- 7 symptoms and signs of lung disease would have
- 8 occurred within three years thereafter?
- 9 I mean, I don't know that we know
- enough about the disease to say what the latency 10
- period is completely. I mean, most patients 11
- 12 present within a shorter period of time than the
- time frame you just presented. But I don't know 13
- that we can't say that someone could have a more 14
- 15 latent -- more latency than that.
- Most -- most patients that you've seen 16
- actually are still consuming microwave popcorn at 17
- the time that their signs and symptoms onset. Is 18
- that true? 19
- A. That is true. 20
- Okay. Are you aware of any medical 21
- 22 literature where it suggests that somebody can end
- their consumption of microwave popcorn and have no 23
- symptoms for almost five years? 24

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Page 100

- 1 Q. Okay. Besides the two people that are
- 2 plaintiffs in this lawsuit, Mr. Stults and his
- wife, do you know of anybody who can corroborate 3
- any of the claims that Mr. and now Mrs. Stults are 4
- making to you about his consumption of microwave 5
- 6 popcorn?
- 7 A. I took the history. I don't have any
- independent information with regard to that. 8
- 9 Q. Was Mrs. Stults with David when he came
- 10 to see you for the exam?
- 11 A. Typically if a spouse is present, I
- will comment on that. And I did not comment that 12
- 13 she was present for the evaluation.
- Did you have any concern of doing the 14 Q.
- physical examination of David Stults, that he was 15
- going to be fatigued or tired because he had 16
- 17 traveled to see you?
- 18 A.
- Okay. Let's talk about the -- the 19 Q.
- 20 other -- the other side of the equation.
- 21 Mr. Stults told you when he gave you
- 22 the history in July of 2011 that his -- strike
- 23 that.
- 24 Mr. Stults told you in July of 2011

- MR. HALL: Object to the form. Assumes 1
- 2 he had no symptoms.
- But go ahead. 3
- Okay. Well, let's clear that one up. 4 Q.
- Based upon your review of the medical 5
- records, did you see any signs -- signs, symptoms
- or complaints by Mr. Stults that you would relate 7
- to his exposure to diacetyl before -- before late 8
 - 2008?

9

- A. I did not. 10
- Q. So if Mr. Stults ended his microwave 11
- popcorn consumption in 2004 and had no signs and 12
- 1.3 symptoms -- or symptoms of lung damage until late
- 2008, would that fact argue against the cause of 14
- 15 his lung disease being diacetyl?
- No, it would not because when he 16
- presented, his first lung functions were 50 17
- percent, if I remember correctly. They were 18
- severely impaired. That doesn't just happen 19
- overnight. His FEV1, I think, was 45 percent or 20
- 21 something like that.
- Q. I believe it was 51. 22
- So 51 percent. So that's not something 23 A.
- 24 that happens in just a few months or a year.

	Page 102		Page 104
1	That's something that progresses over several	1	statement is that I can't specifically identify
2	years. Five to seven years it could be.	2	anyone that has that more-than-four-year gap as
3	Q. But it was measured three three	3	you're asking.
4	months later in June, correct?	4	Q. Did it concern you, when you wrote your
5	A. Correct.	5	report in 2011, that Mr. Stults gave you a history
6	Q. And it had fallen 18 percent?	6	that he was last exposed in 2004, but didn't have
7	A. Correct.	7	any symptoms until the fall of 2008. Was that
8	Q. Fallen to 31 or 32 percent.	8	something that concerned you?
9	A. Right.	9	A. No, because my concern with him was
10	Q. So there's an 18 percent drop in three	10	that he was so severely impaired when he
11	months.	11	presented, he he strikes me as a he was so
12	A. Um-hmm.	12	fit leading up this guy was a very, very active
13	Q. So	13	guy for so many years, that a lot of people
14	A. And it was a little better a few months	14	compensate for long periods of time and can find
15	later. I mean, he was in that period. I don't	15	ways around dealing with their shortness of breath
16	know what his curve was.	16	and their decreasing performance status until they
17	Q. Are you aware of any medical literature	17	get down to 50 percent lung function.
18	that supports the fact that someone who has not	18	So this could have been evolving for
19	been exposed to diacetyl for a period of over four	19	several years.
20	years would first, thereafter, have signs or	20	Q. And in this particular case, do you
21	symptoms of lung damage four plus years later?	21	have any PFT results on Mr. Stults before March of
22	Have you ever seen that?	22	2009?
23	A. I have not seen that published yet.	23	A. I do not.
24	Q. And have you ever seen a patient you	24	Q. And do you have any expert opinions as
	Page 103		Page 105
1	can tell me of who came to see you and said the	1	to when Mr. Stults first began to lose lung
2	last time I was exposed to diacetyl in microwave	2	function due to his exposure to diacetyl?
3	popcorn was more than four years strike that.	3	A. I can't give you the exact date that
4	Are you aware of any patient who had	4	that occurred.
5	more than a four-year gap between their last	5	Q. Can you give me a year?
6	exposure to diacetyl and first onset of signs,	6	A. It had to have been going on for
7	symptoms or complaints of lung damage related to	7	several years.
8	that exposure?	8	Q. And why do you say it had to have been
9	A. Not that I recall.	9	going on for several years?
10	Q. So would you agree with me that based	10	A. His degree of pulmonary impairment, in
11	upon the published literature and all of your	11	my opinion, far exceeds what would have happened
12	experience in seeing probably over what, 200	12	in just a year or two.
13	patients?	13	Q. Would it have exceeded what would have
14	A. Approaching.	14	happened in three years?
15	Q. You have never seen anybody with a	15	A. It's starting to get up into three-,
15 16	Q. You have never seen anybody with a four-year gap of their last exposure and the first	15 16	four-, five-year range.
	Q. You have never seen anybody with a four-year gap of their last exposure and the first onset of their symptomatology?	15 16 17	four-, five-year range. Q. Can you point to me a single a
16	Q. You have never seen anybody with a four-year gap of their last exposure and the first onset of their symptomatology? A. I'm trying to remember time frames on	15 16 17 18	four-, five-year range. Q. Can you point to me a single a single patient strike that.
16 17	 Q. You have never seen anybody with a four-year gap of their last exposure and the first onset of their symptomatology? A. I'm trying to remember time frames on all the patients. I don't know if that's 100 	15 16 17 18 19	four-, five-year range. Q. Can you point to me a single a single patient strike that. I think we have already established you
16 17 18 19 20	 Q. You have never seen anybody with a four-year gap of their last exposure and the first onset of their symptomatology? A. I'm trying to remember time frames on all the patients. I don't know if that's 100 percent accurate. 	15 16 17 18 19 20	four-, five-year range. Q. Can you point to me a single a single patient strike that. I think we have already established you can't bring to mind a single patient that had a
16 17 18 19 20 21	 Q. You have never seen anybody with a four-year gap of their last exposure and the first onset of their symptomatology? A. I'm trying to remember time frames on all the patients. I don't know if that's 100 percent accurate. Q. Then tell me about the patient that had 	15 16 17 18 19 20 21	four-, five-year range. Q. Can you point to me a single a single patient strike that. I think we have already established you can't bring to mind a single patient that had a four-year gap between their last exposure and the
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16 17 18 19 20 21 22	 Q. You have never seen anybody with a four-year gap of their last exposure and the first onset of their symptomatology? A. I'm trying to remember time frames on all the patients. I don't know if that's 100 percent accurate. Q. Then tell me about the patient that had a four-year gap. A. Give me a minute. 	15 16 17 18 19 20 21 22 23	four-, five-year range. Q. Can you point to me a single a single patient strike that. I think we have already established you can't bring to mind a single patient that had a four-year gap between their last exposure and the onset of symptoms. A. My gut tells me there's been some, but
16 17 18 19 20 21	 Q. You have never seen anybody with a four-year gap of their last exposure and the first onset of their symptomatology? A. I'm trying to remember time frames on all the patients. I don't know if that's 100 percent accurate. Q. Then tell me about the patient that had a four-year gap. 	15 16 17 18 19 20 21 22	four-, five-year range. Q. Can you point to me a single a single patient strike that. I think we have already established you can't bring to mind a single patient that had a four-year gap between their last exposure and the onset of symptoms.

	Page 110		Page 112
1	A. That was what he indicated to me, yes.	1	Q. I'm probably leaving out a few
2	Q. So as far as the patient's history	2	prefatory questions.
3	goes, history of symptoms, there were none until	3	Mr. Stults calls you up and says, I
4	late 2008?	4	need to change the history, correct?
5	A. That's what he indicated to me, yes.	5	A. No, that's not what happened. I called
6	Q. Okay. Let's talk about the other side	6	him because I hadn't seen him in two years. And I
7	of the equation, which is the history of	7	called Mr. Hall and said, can I call and talk to
8	consumption after 2004.	8	him because it's been two years since I talked to
9	Mr. Stults indicated to you that he	9	him.
10	continued eating two bags a day through 2007 in	10	Q. I get that part of it. But you didn't
11	your recent phone conversation?	11	go back to Mr. Stults and say, you told me before
12	A. That's what he told me, yes.	12	the exposure was '91 to 2004, do you want to
13	Q. And what was Mr. Stults' source of that	13	change that. You didn't say that.
14	information that he that he consumed two bags a	14	A. No, I didn't ask him that.
15	day from '04 to '07?	15	Q. He volunteered to you in the course of
16	A. Again, he indicated that after	16	the conversation that he had additional exposure
17	discussing it more with his wife, that's what they	17	after 2004.
18	determined was the accurate estimate.	18	A. Correct.
19	Q. Did he indicate that that's what he	19	Q. So he volunteered to you that he
20	determined, that's what she determined or that	20	evidently knew or was otherwise aware that he had
21	this was a joint venture?	21	given you a history of stopping in 2004, but he
22	A. I don't know specifically.	22	wanted to indicate that history was wrong?
23	Q. Did Mr. Stults tell you that he had	23	A. That wasn't exactly what he said, but
24	gone on the internet and done a search of various	24	that's that's about it, yes. He said to me, I
		1	
	Page 111		Page 113
1	-	1	Page 113 need to correct what I told you or I need to give
1 2	Page 111 microwave popcorn websites with his wife? A. I don't remember that, no.	1 2	
	microwave popcorn websites with his wife?		need to correct what I told you or I need to give
2	microwave popcorn websites with his wife? A. I don't remember that, no.	2	need to correct what I told you or I need to give you let me think of the words he used. It was
2 3	microwave popcorn websites with his wife? A. I don't remember that, no. Q. Did you ask Mr. Stults why he had failed to tell you of this history of consuming	2	need to correct what I told you or I need to give you let me think of the words he used. It was just a couple days ago.
2 3 4	microwave popcorn websites with his wife? A. I don't remember that, no. Q. Did you ask Mr. Stults why he had	3	need to correct what I told you or I need to give you let me think of the words he used. It was just a couple days ago. I think he said, the more that I
2 3 4 5 6	microwave popcorn websites with his wife? A. I don't remember that, no. Q. Did you ask Mr. Stults why he had failed to tell you of this history of consuming microwave popcorn at two bags a day from '04 to	2 3 4 5	need to correct what I told you or I need to give you let me think of the words he used. It was just a couple days ago. I think he said, the more that I thought about it and I talked to my wife about it,
2 3 4 5 6	microwave popcorn websites with his wife? A. I don't remember that, no. Q. Did you ask Mr. Stults why he had failed to tell you of this history of consuming microwave popcorn at two bags a day from '04 to '07 when you saw him in July of '11?	2 3 4 5 6	need to correct what I told you or I need to give you let me think of the words he used. It was just a couple days ago. I think he said, the more that I thought about it and I talked to my wife about it, I need to change what I told you before. And then
2 3 4 5 6 7	microwave popcorn websites with his wife? A. I don't remember that, no. Q. Did you ask Mr. Stults why he had failed to tell you of this history of consuming microwave popcorn at two bags a day from '04 to '07 when you saw him in July of '11? A. He indicated to me that he just felt	2 3 4 5 6 7	need to correct what I told you or I need to give you let me think of the words he used. It was just a couple days ago. I think he said, the more that I thought about it and I talked to my wife about it, I need to change what I told you before. And then he told me what the exposure was, starting earlier
2 3 4 5 6 7 8 9	microwave popcorn websites with his wife? A. I don't remember that, no. Q. Did you ask Mr. Stults why he had failed to tell you of this history of consuming microwave popcorn at two bags a day from '04 to '07 when you saw him in July of '11? A. He indicated to me that he just felt that he had the dates wrong.	2 3 4 5 6 7 8	need to correct what I told you or I need to give you let me think of the words he used. It was just a couple days ago. I think he said, the more that I thought about it and I talked to my wife about it, I need to change what I told you before. And then he told me what the exposure was, starting earlier and after. So he from what you tell me, if he
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Ask me the question again.

24 A.

24 question.

ſ	Page 118		Page 120
1	disease process.	1	that, although they still did use it occasionally
2	Q. Okay. But all other things being equal	2	until January of 2011.
3	in this case, if somebody came in and told you, I	3	Q. Okay. Just so I get these numbers
	have the onset of signs and symptoms associated	4	right. From '07 to May of '10, it was one bag
4			almost every night.
5	with bronchiolitis obliterans within one year	5	
6	after I was last exposed to microwave popcorn as	6	A. That is what he told me, yes.
7	opposed to four years, a four-year gap, wouldn't	7	Q. Then from May of '10 to January of '11,
8	your suspicion that diacetyl was the cause be	8	it was
9	stronger in the case of the person who had only	9	A. Just occasionally. He said very you
10	had the one-year gap versus a four-year gap?	10	know, like from what he indicated to me, it was
11	MR. HALL: Same objection.	11	not a frequent occurrence. It wasn't something
12	A. The as previously stated, with the	12	they did regularly in the new house. They had it
13	association, it depends on the patient, it depends	13	and they maybe had one occasionally. But it
14	on the severity of disease. If you're giving me	14	wasn't something they did regularly.
15	patients with severe impairment, that longer	15	Q. Can you once a week? Once a month?
16	period of time could be very reasonable.	16	A. The impression he gave me, it was a
17	Q. It could be. But I think you told us	17	once-a-week, once-a-month kind of thing. It
18	already you're not aware of any literature or any	18	wasn't something they did definitely not
19	patient you've ever seen that presented with a	19	something they were doing every day.
20	four-year gap, correct?	20	Q. So the history that Mr. Stults and
21	A. That's correct.	21	as to the history of Mr. Stults consuming
22	Q. You're aware of patients that have	22	microwave popcorn from May 2010 through January
23	complained or have had a one-year gap between	23	2011, did Mr. Stults tell you that he came to that
24	their last exposure to microwave popcorn and their	24	memory? How he recalled that new exposure?
		1	
	Page 119		Page 121
1	·	1	
1 2	onset of signs and symptoms of bronchiolitis	1 2	A. Ask me again so I make sure I get the
2	onset of signs and symptoms of bronchiolitis obliterans?	2	A. Ask me again so I make sure I get the dates right on your question.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	onset of signs and symptoms of bronchiolitis obliterans? A. That's true. Q. And that one-year gap is supported not only by your experience, but by the literature? A. Correct. Q. Okay. And then Mr. Stults told you that from 2007 going forward, how much did he tell you he consumed? A. He said they decreased to about a bag per day. And I said every day? He said about 90 percent of the time. Q. So from what period to what period, please? A. From '07 to May of 2010 when they moved. Q. Okay. So now it's keyed to the moving of the house. A. Correct. So the ritual of two bags every night decreased in 2007 to one bag. And he said it wasn't every night, but it was about 90	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Ask me again so I make sure I get the dates right on your question. Q. Yes. What I'm trying to do is I'm just trying to break this down, Doctor. We already talked about the fact that from 2004 to 2007, Mr. Stults now claims that he ate two bags or was exposed to two bags daily, correct? A. Correct. Q. Okay. From 2007, now, to May 2010, let me ask you about that segment of time. A. Okay. Q. From May 2007 to May from 2007 to May of 2010, Mr. Stults now claims that he had one bag almost every night. A. That's what he indicated to me. Q. And did Mr. Stults indicate to you what was the source of his knowledge or information that he was consuming popcorn at an almost-one-bag-a-night rate from '07 to May of 2010?

continue to regularly eat microwave popcorn after

24

at the very beginning. I didn't ask about each

· · · · ·	Page 122		Page 124
1	segment, how he defined that one.	1	MR. HALL: Object to the form. That's
2	Q. Okay. So it would have been two	2	already been asked and answered and he's given you
3	components, he thought about it some more and he	3	his answer. I know you want to try to get him to
4	spoke to his wife.	4	say something different, but
5	A. Correct.	5	MR. ALLEN: Object to the speaking
6	Q. Did you ever ask to speak to his wife	6	objection.
7	about to corroborate her recollections as	7	MR. HALL: It would be good this
8	reflected by Mr. Stults in this Tuesday	8	deposition would be over quicker if you'd stop
9	conversation?	9	asking the same questions over and over.
10	A. No, I did not.	10	MR. ALLEN: Object to the speech.
11	Q. Have you looked have you seen the	11	MR. KAWALA: This is all new exposure
12	report of Dr. Egilman?	12	history, Scott.
13	A. No, I have not.	13	MR, HALL: That doesn't excuse the same
14	Q. Have you seen the report of Dr. Parmet?	14	questions being asked over and over, okay, and
15	A. No, I have not.	15	that's being done.
16	MR. HALL: Object to the form. Asked	16	MR. KAWALA: I'm sorry I'm not more
17	and answered on both.	17	MR. HALL: That's been done on multiple
18		18	occasions. So I'm just trying to
19	Q. Have you seen the report of Dr. Swenson?	19	MR. KAWALA: I want to apologize to you
20	A. I have not.	20	for that. I want to apologize that now that we've
21	Q. Have you seen the report of	21	introduced another ten years of exposure to the
22	Mr. Ostrander?	22	record, that I didn't find out until halfway into
23	A. I'm not sure who Mr. Ostrander is.	23	this deposition
24		24	MR. HALL: That's not true.
27	Q. The sa voc guy from one of the Dakotas.	2.1	Mic. M.C.D. That's not true.
	Page 123		Page 125
1	A. No.	1	MR. KAWALA: that I'm not better
2	MR. ALLEN: Mr. Stults can't work	2	prepared to address it.
3	because of his memory.	3	MR. HALL: Your math is a little off.
4	Q. Are you aware of the fact that	4	That is not another ten years.
5	Mr. Stults has given a different history of	5	MR. KAWALA: Well, we've got four years
6	microwave popcorn consumption to those experts	6	from '87 to '91, there's four.
7	than you?	7	MR. HALL: Which you knew about in the
	A. Well, as I stated, I haven't seen the		· ·
8	71. Well, as I stated, I haven't seen the	8	deposition, so that's not new to you.
8 9	reports so I don't know what history he gave to	8 9	deposition, so that's not new to you. MR. BENSON: Then 2004 to 2010, that's
9			* '
9 10	reports so I don't know what history he gave to	9	MR. BENSON: Then 2004 to 2010, that's
9 10 11	reports so I don't know what history he gave to other people. The only history that I'm providing	9 10	MR. BENSON: Then 2004 to 2010, that's six, so I got an extra decade to deal with.
9 10 11 12	reports so I don't know what history he gave to other people. The only history that I'm providing to you today is the history that he gave to me	9 10 11	MR. BENSON: Then 2004 to 2010, that's six, so I got an extra decade to deal with. MR. HALL: Okay. That's not true.
9 10 11 12 13	reports so I don't know what history he gave to other people. The only history that I'm providing to you today is the history that he gave to me directly.	9 10 11 12	MR. BENSON: Then 2004 to 2010, that's six, so I got an extra decade to deal with. MR. HALL: Okay. That's not true. But go ahead.
9 10 11 12 13 14	reports so I don't know what history he gave to other people. The only history that I'm providing to you today is the history that he gave to me directly. Q. Are you aware that he gave none of the	9 10 11 12 13	MR. BENSON: Then 2004 to 2010, that's six, so I got an extra decade to deal with. MR. HALL: Okay. That's not true. But go ahead. BY MR. KAWALA: Q. Did Mr. Stults describe to you, when he talked to you on Tuesday, an additional 10 or 11
9 10 11 12 13 14 15	reports so I don't know what history he gave to other people. The only history that I'm providing to you today is the history that he gave to me directly. Q. Are you aware that he gave none of the plaintiff's experts the same history, that he gave	9 10 11 12 13 14	MR. BENSON: Then 2004 to 2010, that's six, so I got an extra decade to deal with. MR. HALL: Okay. That's not true. But go ahead. BY MR. KAWALA: Q. Did Mr. Stults describe to you, when he
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9 10 11 12 13 14 15 16 17 18 19 20 21	reports so I don't know what history he gave to other people. The only history that I'm providing to you today is the history that he gave to me directly. Q. Are you aware that he gave none of the plaintiff's experts the same history, that he gave all of them different dates? A. As I just stated a moment ago, I haven't seen any of the other reports and I don't know what other history he gave to anybody else. MR. HALL: That mischaracterizes, by the way, the history, but go ahead.	9 10 11 12 13 14 15 16 17 18 19 20	MR. BENSON: Then 2004 to 2010, that's six, so I got an extra decade to deal with. MR. HALL: Okay. That's not true. But go ahead. BY MR. KAWALA: Q. Did Mr. Stults describe to you, when he talked to you on Tuesday, an additional 10 or 11 years of exposure to microwave popcorn than he had told you originally? A. Yes. Q. Four years on the backside and six or seven years on the front side.
9 10 11 12 13 14 15 16 17 18	reports so I don't know what history he gave to other people. The only history that I'm providing to you today is the history that he gave to me directly. Q. Are you aware that he gave none of the plaintiff's experts the same history, that he gave all of them different dates? A. As I just stated a moment ago, I haven't seen any of the other reports and I don't know what other history he gave to anybody else. MR. HALL: That mischaracterizes, by the way, the history, but go ahead. Q. Did it concern you, Dr. Pue, that now	9 10 11 12 13 14 15 16 17 18 19 20 21	MR. BENSON: Then 2004 to 2010, that's six, so I got an extra decade to deal with. MR. HALL: Okay. That's not true. But go ahead. BY MR. KAWALA: Q. Did Mr. Stults describe to you, when he talked to you on Tuesday, an additional 10 or 11 years of exposure to microwave popcorn than he had told you originally? A. Yes. Q. Four years on the backside and six or seven years on the front side. MR. HALL: That's not true.
9 10 11 12 13 14 15 16 17 18 19 20 21	reports so I don't know what history he gave to other people. The only history that I'm providing to you today is the history that he gave to me directly. Q. Are you aware that he gave none of the plaintiff's experts the same history, that he gave all of them different dates? A. As I just stated a moment ago, I haven't seen any of the other reports and I don't know what other history he gave to anybody else. MR. HALL: That mischaracterizes, by the way, the history, but go ahead. Q. Did it concern you, Dr. Pue, that now two years after you had seen Mr. Stults, he calls	9 10 11 12 13 14 15 16 17 18 19 20 21	MR. BENSON: Then 2004 to 2010, that's six, so I got an extra decade to deal with. MR. HALL: Okay. That's not true. But go ahead. BY MR. KAWALA: Q. Did Mr. Stults describe to you, when he talked to you on Tuesday, an additional 10 or 11 years of exposure to microwave popcorn than he had told you originally? A. Yes. Q. Four years on the backside and six or seven years on the front side. MR. HALL: That's not true. MR. ALLEN: Now you're testifying

Page 128 Page 126 1 Q. Do you have any obligation to exercise 1 math. any judgment or scrutiny as to what information 2 MR. KAWALA: That's four years. 2 that was given to you originally was incomplete? MR. HALL: You said six years. 3 3 4 MR. HALL: Object to the form. 4 MR. KAWALA: Six years is later, Scott, Essentially the same question again. 5 '04 to '10. That's six years. 5 I felt when I talked to him, he gave me MR. ALLEN: I'd like the witness's 6 6 satisfactory reasoning as to why he was giving me 7 7 testimony. 8 MR. HALL: And can you stop making 8 different information. 9 these speeches? That's about the fifth time 9 The information Mr. Stults gave you three or four days ago was an increase in his vou've made --10 10 MR. ALLEN: You're testifying under 11 exposure history, correct? 11 12 oath. You keep testifying and you know it's 12 That is true, yes. Q. And you would agree with me that 13 inappropriate. 13 14 exposure to diacetyl in microwave popcorn does 14 MR. HALL: You're sitting over there involve a dose-duration relationship? 15 making these nasty comments as Dr. Pue is 15 There's a dose-duration relationship, 16 testifying and it's getting a little old. Just 16 but there's also -- I believe it's documented 17 sit over there and be quiet. You'll have a chance 17 18 about the peak levels, as well. 18 to ask your questions --Well, let me go at it this way: Would 19 19 MR. ALLEN: I'm just preserving the you agree with me, Doctor, that there are levels 20 20 record. 21 of exposure to microwave popcorn, diacetyl in 21 MR. HALL: -- and then you can bring microwave popcorn, by inhalation that do not out his testimony however you want. But let's not 22 22 result in any lung injury or damage? make these inappropriate comments. 23 23 24 MR. ALLEN: Will you stop testifying, 24 A. I don't know that anyone has defined Page 127 Page 129 the exact safe levels of diacetyl inhalation. then? 1 But there are safe levels, correct? 2 MR. HALL: Go ahead, Dave. 2 O. 3 A. I don't know what they are. 3 MR. ALLEN: Will you stop testifying? 4 Q. If I told you Mr. Stults had consumed MR. HALL: Go ahead, Dave. 4 one bag of microwave popcorn and had been exposed 5 MR. ALLEN: Okay. So the answer is no. 5 to diacetyl fumes and then later you found out he 6 MR. KAWALA: Let's keep going. 6 7 had lung damage, namely BO, would you attribute 7 BY MR. KAWALA: that cause to one bag of exposure? 8 8 So here's my question, Doctor: Were Q. 9 you concerned that Mr. Stults, when you spoke to 9 I wouldn't -- likely not, no. Q. Because that would be within the 10 him just last Tuesday, what was that, three or 10 11 threshold or under the level at which common sense four days ago, provided you with another 10 or 11 11 years of microwave popcorn consumption history and medical literature would indicate no injury 12 12 13 that he had never provided to you before? 13 occurs? MR. HALL: Object to the form. He 14 14 MR. HALL: Object to form. That's the 15 already stated there is no safe level. Now you're 15 third or fourth time you've asked that question. trying to get him to state there is. 16 16 But go ahead. I'm not even sure what the question was 17 A. 17 A. You asked if I was concerned. 18 Concerned requires me to be passing judgment. I 18 now. Okay. Let me try to rephrase it. wasn't drawing any judgment. I just was asking --19 Q. 19 20 MR. ALLEN: You were interrupted by 20 I was just talking to him and this is information that speaking objection. Try it again. 21 he gave me. I'm a conduit to collect information 21 22 MR. HALL: I'm sick of the 22 and to -- and to document it and then use that 23 mischaracterizations. information to draw conclusions. But I don't 23 24 judge what's being given to me. 24 But go ahead.

	Page 130	· · · · ·	Page 132
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1	• •	1	accurate or not?
2	exposure to microwave popcorn containing diacetyl	2	A. I have no independent confirmation of
3	and had inhaled those fumes, are you of the	3	its accuracy versus the other information I obtained.
4	opinion that that exposure could result in	4	
5	bronchiolitis obliterans?	5	Q. So your answer is no, you don't know?A. I have no independent confirmation of
6	MR. HALL: Objection. Asked and	6	•
7	answered.	7	it. I only have this is subjective information that's provided to me by the patient and I
8	A. It's probably unlikely. I can't say	8	•
9	it's zero because I don't know what the safe	9	obtained the history and I document it. Q. Did Mr. Stults change any other
10	threshold is for anybody.	10	
11	Q. Millions of people have consumed	11	historical facts when he called you up and told
12	microwave popcorn over the decades?	12	you anything else that had occurred in years
13	A. I don't know the statistic on it, but I	13	previous to July of 2011 when you saw him?
14	that's probably a fair estimate.	14	Did he tell you anything else was different?
15	Q. Besides Mr. Newkirk, Ms. Daughetee and	15	
16	Mr. Stults, do you know anyone else who claims	16	A. The Prednisone history was slightly different than what he had told me when I saw him
17	injury from inhalation of diacetyl and microwave	17	
18	popcorn as a plaintiff in litigation? As a	18	then. Not terribly different, but slightly different.
19	consumer, I should say.	19	
20	A. Those are the ones that I'm aware of.	20	Q. And I'm sorry, a poorly formed
21	Q. Okay. With regard to Mr. Newkirk, do	21	question.
22	you recall he had an over-ten-year history of	22	Did Mr. Stults tell you in this conversation of September 2013 that anything else
23	exposure to microwave popcorn?	23	that he told you in the July 2011 visit was wrong
24	A. I don't remember the specifics of that	24	that he told you in the July 2011 visit was wrong
	Page 131		Page 133
,		L	
1	case now.	1	besides his omitted history of popcorn
2	case now. Q. Okay. He was exposed to a lot more	1 2	besides his omitted history of popcorn consumption?
1	Q. Okay. He was exposed to a lot more		
2		2	consumption?
2	Q. Okay. He was exposed to a lot more than one bag?	2	consumption? A. Not that I recall, no.
2 3 4	Q. Okay. He was exposed to a lot more than one bag?A. Yes.	2 3 4	consumption? A. Not that I recall, no. Q. So everything else you put in your
2 3 4 5	Q. Okay. He was exposed to a lot more than one bag?A. Yes.Q. Same for Ms. Daughetee, she had a	2 3 4 5	consumption? A. Not that I recall, no. Q. So everything else you put in your report that you got from him, from history, stayed
2 3 4 5 6	 Q. Okay. He was exposed to a lot more than one bag? A. Yes. Q. Same for Ms. Daughetee, she had a multiple-year exposure to microwave popcorn? 	2 3 4 5 6	consumption? A. Not that I recall, no. Q. So everything else you put in your report that you got from him, from history, stayed the same, he didn't amend or correct or add to any
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22

23

24 A.

consumed?

I do not.

flavors contained in the popcorn that Mr. Stults

22

23 24 why I try not to draw judgments on it.

So it would be fair to say you don't

know whether the newly provided information is

	Dogg 124		Page 136
	Page 134		rage 100
1	Q. Do you know how much diacetyl was	1	answer.
2	emitted from any of the brands of microwave	2	MR. HALL: You can ask it as a general
3	popcorn that Mr. Stults was exposed?	3	question, if you want.
4	A. I do not.	4	MR. KAWALA: I will. I will do it that
5	Q. Have you put together any type of	5	way, thank you. I should have done that before.
6	exposure history that attempts to quantify how	6	I'll wait for the objection.
7	much diacetyl Mr. Stults was exposed to?	7	MR. HALL: I'm probably not going to
8	A. I did not.	8	object.
9	Q. In the context of a consumer, have you	9	BY MR. KAWALA:
10	done any study or analysis as to how much diacetyl	10	Q. Dr. Pue, as to any any company that
11	a consumer needs to be exposed to in order to have	11	provided butter flavor for the microwave popcorn
12	an increased risk of BO?	12	that Mr. Stults consumed, including Sensient,
13	A. I don't know what that value is.	13	Symrise, IFF, BBA, Givaudan and anybody else I
14	Q. Do you have any independent way to know	14	forgot, do you know how much diacetyl was
15	that Mr. Stults has been exposed to enough	15	contained in that butter flavor?
16	diacetyl, based on the quantity of diacetyl he was	16	A. I do not.
17	exposed to, to have BO?	17	MR. HALL: See, I didn't object.
18	A. I don't know the independent measures	18	THE WITNESS: Good suggestion.
19	of that. If I answered that question correctly.	19	MR. ALLEN: Sometimes.
20	Q. Okay. So I take it none of the	20	THE WITNESS: Are you approaching a
21	opinions you're going to offer today are strike	21	breaking point?
22	that.	22	MR. KAWALA: Yes, we'll take a break.
23	Is it correct that none of the opinions	23	(A short recess is taken.)
24	that you're offering in this case are based on any	24	BY MR. KAWALA:
	Page 135		Page 137
			_
1	attempt to quantify Mr. Stults' exposure to	1	Q. Back on the record, Dr. Pue.
2			
	diacetyl?	2	We were talking about the additional
3	A. That's correct.	3	exposure history and I just want to get a little
3 4	A. That's correct.Q. Okay. And by the way, do you know how	3 4	exposure history and I just want to get a little bit more explanation from you of some of the other
3 4 5	A. That's correct. Q. Okay. And by the way, do you know how much diacetyl was contained in any of the popcorn	3 4 5	exposure history and I just want to get a little bit more explanation from you of some of the other entries that you made in your notes.
3 4 5 6	A. That's correct. Q. Okay. And by the way, do you know how much diacetyl was contained in any of the popcorn product that my client, Symrise, was involved in	3 4 5 6	exposure history and I just want to get a little bit more explanation from you of some of the other entries that you made in your notes. You said co-workers from that time also
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3 4 5 6 7 8	A. That's correct. Q. Okay. And by the way, do you know how much diacetyl was contained in any of the popcorn product that my client, Symrise, was involved in the in providing the butter flavor for? A. I do not.	3 4 5 6 7 8	exposure history and I just want to get a little bit more explanation from you of some of the other entries that you made in your notes. You said co-workers from that time also remember eating it regularly. A. I was writing that down as he was
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- 1 Q. So did Mr. Stults tell you that he
- 2 talked to people from Quest Diagnostics in the
- 3 recent past who told him that they remember seeing
- 4 him eat microwave popcorn at Quest?
- 5 A. That's what he said, yes. He said
- 6 since -- because he was telling me that he
- 7 remembered that it went back further than '91. He
- 8 said his wife said about -- reminded him about
- 9 when they started dating. He said also co-workers
- 10 had told him from that time they also remembered
- 11 him eating it regularly. And I said '98 -- '87 --
- 12 I'm sorry, I'm getting my decades confused -- '87?
- 13 He said, I think I started Quest in like '89 or
- 14 '90, if I remember correctly what he said.
- 15 Q. Did Mr. Stults tell you who these --
- who these co-workers were? Did he give you names?
- 17 A. I didn't ask for names.
- 18 Q. Did he tell you that he called up these
- 19 people and asked them, questioned them about
- 20 whether or not they remembered him eating
- 21 microwave popcorn back in that '87 to '91 period?
- 22 A. He didn't tell me how the interaction
- 23 occurred with his co-workers. He just made the
- 24 statement.

- 1 house.
- 2 Q. So -- so when is the last time
- 3 Mr. Stults told you he has ever consumed a bag of
- 4 microwave popcorn?
- 5 A. Well, what he told me was in January
- 6 2011, he was searching on the internet to find --
- 7 to look at causes of bronchiolitis obliterans and
- 8 he came across microwave popcorn butter flavor and
- 9 at that time he stopped using it altogether. He
- 10 states that was the first time he became aware
- 11 that it was -- there was an association there.
- 12 O. And in fact, he saw you six months
- 13 later, correct?
- 14 A. Six or seven months, yeah.
- 15 Q. So as you understand the chronology, he
- last ate microwave popcorn in January of 2011?
- 17 A. That's what he told me, yes.
- 18 Q. And then he sees you about six months
- 19 later in July of 2011?
- 20 A. Correct.
- 21 Q. And you ask him about his exposure to
- 22 microwave popcorn and he tells you exposure
- through 2004, but doesn't recall exposure past
- 24 '04?

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- 1 Q. Okay. Did he suggest to you that he
- 2 independently recalled eating microwave popcorn at
- 3 the time he worked at Quest or just that other
- 4 people told him that he did?
- 5 A. I don't remember.
- 6 Q. Okay. Then going to page 2 of the
- 7 notes, continued two bags per day, 2007.
- 8 We talked about that already, correct?
- 9 A. Correct.
- **10** O. From 2007, 5/10. Tell me what your
- 11 nomenclature means there.
- 12 A. Until May of 2010.
- 13 Q. Okay. Then about one per day. 90
- 14 percent of the days had a bag. Moved houses in
- 15 May of 2010.
- 16 A. That's what he told me.
- 17 Q. Then he suggested to you that after May
- 18 of 2010, didn't continue?
- 19 A. He said when they moved into the new
- 20 house, they just had different habits and such and
- 21 he -- they had some microwave popcorn and they
- 22 might have popped it occasionally, but it wasn't
- 23 something that was a regular occurrence in their
- 24 household anymore once they moved to the new

- 1 A. What he reported to me was that he was
- 2 eating it regularly, two bags every night, from
- 3 '91 to '94 --
- 4 MR. BENSON: I'm sorry, did you say,
- 5 Dr. Pue, '94 or did you mean 2004?
- 6 A. I'm sorry, '91 to 2004. Thank you.
- 7 Q. Okay.
- 8 A. Let me just finish reading here.
- 9 He didn't indicate to me, and I
- 10 apparently didn't ask him, did he stop it
- completely in 2004 or, you know -- all I have in
- the note is that's what he told me when he was
- eating it regularly was from '91 to 2004, two bags
- 14 a night.
- 15 Q. Well, when you asked Mr. Stults about
- 16 his consumption history, did you say tell me how
- 17 -- tell me for what period of time you ate two
- 18 bags a night or did you say tell me about your
- 19 consumption history?
- 20 A. I said tell me about your history with
- 21 microwave popcorn.
- 22 Q. Okay. So you would have given him the
- 23 opportunity to provide a full history to you?
- 24 A. I offered it as an open-ended question.

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1	Q. Right. When Mr. Stults called you	1	been dated '06/'07?
2	back, he didn't say you didn't ask me about this.	2	A. No. That's all he told me.
3	He just said I remember more?	3	MR. KAWALA: Okay. The rest of the
4	A. Correct.	4	history I can read pretty straightforward.
- 5	Q. Okay. Found bags from 2007 and '06	5	THE WITNESS: Okay. I just got a page
	when he moved in in 2010. They were in back of	6	that I need to answer, can I have one minute?
6		7	MR. KAWALA: Oh, yes. Please.
7	pantry.	8	THE WITNESS: Thank you.
8	What's the significance of that,	9	(A discussion is held off the record.)
9	please?	_	(A discussion is need on the record.)
10	A. He was indicating that initially he had	10	The second February F
11	stated the reason he knew 2007 was when they	11	Thereupon, Exhibit 9 is marked for
12	stopped eating it as regularly as they had or cut	12	purposes of identification.
13	down was because when they moved, they found bags	13	
14	that were from 2006, the purchase dates on it.	14	BY MR. KAWALA:
15	And that was how he had surmised that that's when	15	Q. Back on the record, Dr. Pue.
16	they were still eating popcorn regularly. It was	16	It looks like we have a two-page
17	in because they had used up the stuff that they	17	document. Maybe you could explain to us what it
18	had had. And then when he looked in there, there	18	is, please.
19	was still stuff from 2006 and 2007.	19	A. This is the check-in sheet and physical
20	MR. ALLEN: Did you say they were	20	exam sheet for when patients come in for an
21	purchase dates?	21	evaluation. The front is the top part is
22	A. He said there were dates on them. So I	22	filled out by the medical assistant who does the
23	don't know what the date represented, but that was	23	vital signs. And then if it's a follow-up visit,
24	dates that were on the bags.	24	there's questions that we ask. But this was a
	Page 143		Page 145
	1 -9- / 1-		
_			
1	Q. Okay. When he when he had talked	1	first visit, so most of the questions are skipped.
2	about the 2007 date being the date that he	2	first visit, so most of the questions are skipped. MR. ALLEN: Is this Exhibit 9?
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	Page 146	Ī	Page 148
1	abdominal obesity. And the remainder of the exam	1	have it here, Exhibit 5.
2	I indicated was normal.	2	BY MR. KAWALA:
3	Q. Did you take an oxygen saturation on	3	Q. Okay. Based upon the HRCT that was
4	Mr. Stults?	4	done when Mr. Stults came in to see you, what were
5	A. Yes. It was 95 percent on room air at	5	the relevant findings? This is Exhibit 5.
6	rest. That's on the front of the first page.	6	A. The radiologist indicated borderline
7	Q. Okay. And is that within the range of	7	bronchiectasis changes in the bilateral lower
8	normal?	8	lobes or lower lung fields he described. Mild
9	A. Yes.	9	heterogeneous attenuation on expiration images
10	Q. Did you have any concerns for	10	without definite air trapping.
11	Mr. Stults' oxygen saturation after exertion?	11	Q. What's the significance to the
12	A. I did not measure an exertional oxygen	12	borderline bronchiectasis?
13	saturation.	13	A. That's a finding that is seen in
14	Q. Did Mr. Stults ever complain to you	14	bronchiolitis obliterans and is an abnormality of
15	that he passed out or had any signs or symptoms of	15	the lungs.
16	hypoxia related to his dyspnea on exertion?	16	Q. Is there anything remarkable about that
17	A. I don't recall that specifically.	17	finding that tells you that it's the result of
18	Q. Did Mr. Stults describe to you any	18	diacetyl exposure or not?
19	mental status changes that he had?	19	A. That is not specific to diacetyl. It
20	A. I don't recall any.	20	is a finding that is seen in diacetyl exposure.
21	Q. Did Mr. Stults describe to you any	21	Q. Okay. Would you find the same type of
22	complaints he had of cognitive deficits or	22	finding in idiopathic bronchiolitis obliterans or
23	difficulties?	23	bronchiolitis obliterans caused by connective
24	A. Not that I recall.	24	tissue disease?
-			
	Page 147		Page 149
-	Page 147		Page 149
1	Q. Did Mr. Stults have any difficulty in	1	A. It can be seen in any patient with
2	Q. Did Mr. Stults have any difficulty in providing you strike that.	2	A. It can be seen in any patient with bronchiolitis obliterans of any cause.
3	Q. Did Mr. Stults have any difficulty in providing you strike that. You also did I think we already	2	A. It can be seen in any patient with bronchiolitis obliterans of any cause.Q. Okay. Non-specific mild heterogenous
2 3 4	Q. Did Mr. Stults have any difficulty in providing you strike that. You also did I think we already we had just marked it, it was a he had a CT	2 3 4	A. It can be seen in any patient with bronchiolitis obliterans of any cause.Q. Okay. Non-specific mild heterogenous attenuation. What do you mean by attenuation?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. Did Mr. Stults have any difficulty in providing you strike that. You also did I think we already we had just marked it, it was a he had a CT scan done when Mr. Stults came in to see you? A. That's correct. Q. CT of the chest without contrast? A. That's correct. Q. And did you do inspiratory and expiratory views? A. Yes. It was a high resolution. MR. KAWALA: All right. Exhibit 5, I don't know if you've got a copy of it or not. THE WITNESS: Can I get my chart back? MR. ALLEN: I knew it wouldn't last long. THE WITNESS: Thank you. I'm actually going to put this back in so it doesn't get lost. MR. KAWALA: I'm going to have another one for you in a second, but go ahead. THE WITNESS: I just don't want to lose anything.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. It can be seen in any patient with bronchiolitis obliterans of any cause. Q. Okay. Non-specific mild heterogenous attenuation. What do you mean by attenuation? A. Attenuation means differences in the density of the lung tissue indicating different amounts of air versus tissue. Q. Any pattern to that attenuation? A. This would be consistent with a mosaic pattern when we say heterogenous attenuation. Q. Mosaic pattern is sort of a 50/50 finding in bronchiolitis obliterans, isn't it? A. That's correct. Q. It's not diagnostic or pathognomonic for anything, is it? A. It's a finding that is 50/50 present, but when present is supportive of a diagnosis of bronchiolitis obliterans. Q. And it's often seen in bronchiolitis obliterans with with multiple causes? A. It's a finding of bronchiolitis obliterans independent of the cause.

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1	related to his current illness. He can't exercise	1 you're aware of.	
2	anymore. He's short of breath walking to the	2 A. I have not seen any others.	
3	mailbox. Gaining weight. He gained 15 to 20	3 Q. Is there any other writings you've	
4	pounds in the year that I saw him in 2011. By his	4 seen, setting aside expert reports in litigation,	
5	description.	5 that assert that consumers of diacetyl are	
6	Q. Okay. Are you going to offer any	6 consumers of microwave popcorn are at risk of	
7	opinions on depression and anxiety?	7 obstructive lung damage due to inhalation of	
8	A. No.	8 diacetyl?	
9	Q. Okay. Is that all the handwritten	9 A. I haven't seen those, no.	
10	notes?	10 Q. And I think we discussed it before, but	
11	A. That's all my handwritten notes, yes.	11 is there a dose-response relationship regarding	
12	MR. BENSON: Can I just ask, on page 4,	the amount of diacetyl in microwave popcorn that	
13	where it says, goes up and down and ragweed, is	13 would result in lung injury?	
14	that also you or did he fill that out?	14 A. I don't know what the safe level is, so	
15	THE WITNESS: No, that's his	15 I'm not sure what the dose-response curve looks	
16	handwriting, not mine.	16 like.	
17	MR. BENSON: Okay. Thank you.	17 Q. Okay. So by saying you don't know if	
18	Q. I think now we've gone through	18 it's a dose-response relationship, are you saying	
19	everything that we had copies made of. So that's	19 that a very negligible amount of diacetyl could	
20	good. I may just get back to my outline and see	20 result in obstructive lung damage to a consumer?	
21	what else I need to cover with you, Doctor.	21 A. I don't know what the safe threshold	
22	A. Sure.	22 is, so I don't know what a negligible amount is.	
23	Q. Do you have any opinion as to what	23 Q. Okay. Do you assume that there is,	
24	level of consumer exposure is necessary to	24 however, a dose-response relationship between	
	Page 163	Page	165
1	Page 163 diacetyl to result in BO?	microwave popcorn containing diacetyl inhalation	165
1 2		microwave popcorn containing diacetyl inhalationby a consumer and bronchiolitis obliterans?	165
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	Page 194		Page 196
1	diagnosis is for Mr. Stults' condition?	1	being autoimmune rheumatoid arthritis?
2	A. I've read the notes, but as I	2	A. I did see that on the record, yes.
3	mentioned, I did not take notes as I was scanning	3	Q. Do you have any any criticism of
4	through the most recent records.	4	Dr. Schmitt's differential diagnosis?
5	Q. Okay. And I have them at hand here if	5	Do you think any of those differential
6	that would refresh your recollection.	6	diagnoses are wrong or improper in this case?
7	While I'm digging for that, can	7	A. Well, as I stated previously,
8	bronchiolitis obliterans be idiopathic?	8	idiopathic, I only call something idiopathic if
9	A. Yes.	9	I've excluded all reasonable possibilities.
10	Q. And idiopathic simply means there's no	10	And with regard to RA, with regard to
11	cause?	11	the literature to the records that I reviewed
12	A. Idiopathic means it's the cause that we	12	on this case, this did not appear to be consistent
13	haven't figured out what it is yet. It means you	13	with an RA illness associated with lung disease.
14	haven't identified a known cause.	14	Q. So do you think that based on the fact
15	Q. Okay. And is some portion or	15	that you believe records support a diagnosis that
16	percentage of bronchiolitis obliterans that occurs	16	Mr. Stults' bronchiolitis obliterans was caused by
17	in the United States population idiopathic?	17	exposure to diacetyl, do you disagree with the
18	A. Yes. As I said before, it just means	18	inclusion of idiopathic bronchiolitis obliterans
19	that you haven't figured out the cause for that	19	in Dr. Schmitt's medical record?
20	particular patient yet.	20	A. I do.
21	Q. Can you give me any sense, even in a	21	Q. Setting aside the fact that Mr. Stults
22	ballpark sense, of what proportion of	22	has been exposed to diacetyl in microwave popcorn
23	bronchiolitis obliterans could be fairly	23	based upon the history and the revised history
24	characterized as idiopathic?	24	that he gave you, is there any other pathognomonic
	•		
	Page 195		Page 197
1		1	Page 197 or footprint or remarkable finding that you can
1 2		1 2	
	A. I don't know the percentage. In my		or footprint or remarkable finding that you can
2	A. I don't know the percentage. In my clinical practice, I almost always have had a	2	or footprint or remarkable finding that you can point to that indicates that BO caused his or was
2	A. I don't know the percentage. In my clinical practice, I almost always have had a cause in patients that I've seen.	2	or footprint or remarkable finding that you can point to that indicates that BO caused his or was caused by diacetyl?
2 3 4	A. I don't know the percentage. In my clinical practice, I almost always have had a cause in patients that I've seen.Q. Is the fact that a treating physician	2 3 4	or footprint or remarkable finding that you can point to that indicates that BO caused his or was caused by diacetyl? A. The history is an important part of
2 3 4 5	A. I don't know the percentage. In my clinical practice, I almost always have had a cause in patients that I've seen. Q. Is the fact that a treating physician hypothesized a cause, does that mean that the	2 3 4 5	or footprint or remarkable finding that you can point to that indicates that BO caused his or was caused by diacetyl? A. The history is an important part of obtaining a diagnosis, and I was not able to identify any other causes. I went through chemical exposure, work exposures, lung injuries,
2 3 4 5 6	A. I don't know the percentage. In my clinical practice, I almost always have had a cause in patients that I've seen. Q. Is the fact that a treating physician hypothesized a cause, does that mean that the bronchiolitis obliterans isn't idiopathic?	2 3 4 5 6	or footprint or remarkable finding that you can point to that indicates that BO caused his or was caused by diacetyl? A. The history is an important part of obtaining a diagnosis, and I was not able to identify any other causes. I went through
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. I don't know the percentage. In my clinical practice, I almost always have had a cause in patients that I've seen. Q. Is the fact that a treating physician hypothesized a cause, does that mean that the bronchiolitis obliterans isn't idiopathic? A. For something to be defined as idiopathic means that there's no other identifiable likely causes for the disease process. So if the physician feels that there is a cause, that's potentially that's the cause. Q. And whether that physician's opinion is correct or incorrect I'm trying to think if there's a better way to state it. If a physician incorrectly believes that somebody's bronchiolitis obliterans is caused by diacetyl inhalation, when it's not, does that mean that strike that. I can't put it in the form of a question.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	or footprint or remarkable finding that you can point to that indicates that BO caused his or was caused by diacetyl? A. The history is an important part of obtaining a diagnosis, and I was not able to identify any other causes. I went through chemical exposure, work exposures, lung injuries, infections, and did not come to any other causes. And he had the long history of diacetyl exposure that he described. Q. Isn't it true that the people for for a long time, for decades, people have been diagnosed with bronchiolitis obliterans where there is has been no known chemical exposure, no infections, no external causes? A. Well, that's the idiopathic ones. And that's become less and less frequent as we define exposures that do lead to bronchiolitis obliterans. Q. Okay. Besides Mr. Stults' history, is

24 A.

Bronchiolitis obliterans does not look

diacetyl, another being idiopathic, and another

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	Page 198		Page 200
1	different in different in patients from	1	correctly, if Mr. Stults was assumed to have
2	different causes.	2	bronchiolitis obliterans secondary to rheumatoid
3	Q. So would you agree that the basis for	3	arthritis, or other connective tissue disease,
4	your opinion that Mr. Stults has bronchiolitis	4	that the clinical findings, the PFTs, the
5	obliterans secondary to diacetyl exposure is based	5	radiology findings would pretty much look the same
6	upon the history that Mr. Stults provided to you	6	as what he's got?
7	of exposure to diacetyl in microwave popcorn?	7	A. Can you read back the question again?
8	MR. HALL: Object to the form. Asked	8	Or rephrase it?
9	and answered.	9	Q. Let me rephrase it.
10	A. That's that's a component of the	10	A. There's a lot there.
11	diagnosis. The other part of it is the findings,	11	Q. What I'm trying to do is set aside the
12	the physical findings, the X-rays, the PFTs,	12	history. If you assume that Mr. Stults has
13	physical exam. That's all the confirmational	13	strike that.
14	findings of bronchiolitis obliterans and then the	14	If a patient has bronchiolitis
15	history that he had exposure that would cause it.	15	obliterans due to secondary to rheumatoid
16	Q. But the clinical findings, the	16	arthritis or a connective tissue disease, would
17	radiology findings, the PFT findings, I think you	17	the would the PFT results, would the complaints
18	testified already, all of that clinical	18	of shortness of breath, cough, chest X-ray, would
19	information simply documents that he has BO. It	19	those could those all look the same as what
20	doesn't document that he has BO due to diacetyl	20	Mr. Stults has?
21	exposure, correct?	21	A. Bronchiolitis obliterans for many
22	A. That's correct.	22	causes will have similar findings on those
23	Q. And just for purposes of a hypothetical	23	objective findings.
24	question, if Mr. Stults had never consumed a bag	24	Q. Okay. What's the what's the
	Page 199		Page 201
_	· ·	_	
1	of microwave popcorn and had never been exposed to	1	accepted accuracy of a positive CCP test for the presence of rheumatoid arthritis?
2	diacetyl, then, of course, your opinion would be	2	•
3	that exposure to diacetyl would be excluded from	3	A. You mean the specificity?
4	the differential?	4	Q. Yes, sir.A. Specificity is reported at 98 percent,
5	A. That's correct.	5	I believe, 95 percent, somewhere in that range.
6 7	Q. And the reason that exposure to diacetyl is included in your differential, and is,	7	Q. Does Mr. Stults have a family history
8	in fact, your diagnosis, is based upon Mr. Stults'	8	of rheumatoid arthritis?
9	history?	9	A. I believe his mother may have had
10	A. That's correct.	10	rheumatoid arthritis. Let me look.
11	Q. And would you agree with me that	11	Q. I think you're correct.
12	Mr. Stults' history as to when he has consumed	12	A. Yeah.
13	microwave popcorn and as to how much microwave	13	Q. Just for the record, where what are
14	popcorn he's consumed has been has differed	14	you referring to?
15	from time to time?	15	A. I'm looking back through my history
16	A. Can you say that again to make sure I	16	that I obtained from him.
17	answer it correctly?	17	I didn't have it written down. He
18	MR. KAWALA: Go ahead.	18	didn't he said his mother had hypertension, but
19	(The record is read back as requested.)	19	I think I might have read it in one of the other
20	THE WITNESS: He did provide a	20	records, in the rheumatologist's records, that
21	different history to me in July of 2011 than he	21	there was a family history of rheumatoid arthritis
22	did on September 10th, 2013.	22	in his mother.
١		1	O To the second of the order for the second of the second

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24 Q.

BY MR. KAWALA:

And if I understand your testimony

24

Is rheumatoid arthritis known to have a

hereditary or genetic frequency associated with

	Page 314		Page 316
1	brands of microwave butter-flavored popcorn that	1	MR. HALL: That's two questions.
2	he and his wife consumed?	2	MR. BENSON: You're right, that is two
3	A. He if he had told me specific	3	questions.
4	brands, I would have put it into the report, as I	4	Q. But was that a true statement?
5	have not made a habit of specifically asking	5	A. That is a true statement. There's
6	people what brands they were exposed to.	6	nothing else besides what's in my report or what
7	Q. Why not?	7	we've talked about today.
8	A. I just never thought to do that.	8	MR. BENSON: Dr. Pue, you and I haven't
9	Q. Okay. If you would, take a look at	9	had a chance to meet until day. It was a pleasure
10	Exhibit 10.	10	meeting you. Thank you for your testimony.
11	A. Would you like me to do that in the	11	THE WITNESS: Thank you.
12	future?	12	MR. ALLEN: Emily?
13	Which is Exhibit 10?	13	MS. FITZGERALD: I don't have anything.
14	Q. Far be it from me to tell you what to	14	MR. ALLEN: I think we're finished
15	do, Doctor.	15	then. Thank you.
16	It's this.	16	THE WITNESS: Thank you.
17	A. Okay. The questionnaire.	17	I waive.
18	Q. Page 2.	18	(Signature waived.)
19	A. Yes.	19	Thereamen the foresteins proceedings
20	Q. Your handwritten note at the bottom.	20	Thereupon, the foregoing proceedings
21	1991, daughter born. Wife put baby to bed. He	21	concluded at 3:50 p.m.
22	popped two bags microwave butter lovers popcorn	22	
23	every night. Do you see that?	24	
24	Do you see mat:		
	Page 315		
	A 37	1	State of Ohio : CERTIFICATE
	A. Yes.	2	County of Franklin: SS
2	Q. Are you aware that Butter Lovers is actually a brand	3	I, Kathryn E. Cathell, RMR, CRR, a Notary Public in and for the State of Ohio, certify that
3	A. I was not aware of that.	4	Charles A. Pue, M.D. was by me duly sworn to testify to the whole truth in the cause aforesaid; testimony then given was reduced to stenotype in
5	Q of popcorn?	5	the presence of said witness, afterwards transcribed by me; the foregoing is a true record
6	Did he so in the con was that	6	of the testimony so given; and this deposition was taken at the time and place specified on the title
7	his language	7	page.
8	A. Yes.	8	Pursuant to Rule 30(e) of the Federal Rules of Civil Procedure, the witness and/or the parties
9	Q that he used? Butter lovers?	9	have waived review of the deposition transcript.
10	A. Yes.	10	I certify I am not a relative, employee, attorney or counsel of any of the parties hereto,
11	Q. Okay. And then my last question for	11	and further I am not a relative or employee of any attorney or counsel employed by the parties hereto,
		12	or financially interested in the action.
12	you, Dr. Pue, is, do you currently hold any		
	you, Dr. Pue, is, do you currently hold any opinions that are germane to this case that you	13	IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Columbus, Ohio, on
12		14	IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of office at Columbus, Ohio, on September 23, 2013.
12 13	opinions that are germane to this case that you	14 15	and affixed my seal of office at Columbus, Ohio, on
12 13 14	opinions that are germane to this case that you have not either testified to during the course of	14 15 16	and affixed my seal of office at Columbus, Ohio, on
12 13 14 15	opinions that are germane to this case that you have not either testified to during the course of this deposition or that are contained in your	14 15 16 17	and affixed my seal of office at Columbus, Ohio, on
12 13 14 15 16	opinions that are germane to this case that you have not either testified to during the course of this deposition or that are contained in your written report? A. To my knowledge, I've shared with you my full opinions.	14 15 16 17 18	and affixed my seal of office at Columbus, Ohio, on September 23, 2013.
12 13 14 15 16 17	opinions that are germane to this case that you have not either testified to during the course of this deposition or that are contained in your written report? A. To my knowledge, I've shared with you my full opinions. Q. And as you sit here today, there aren't	14 15 16 17 18 19	and affixed my seal of office at Columbus, Ohio, on September 23, 2013.
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